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PATENT APPLICATION 10/753,614

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The Application of:

Thomas E. Owen

Serial No.:

10/753,614

Date Filed:

January 8, 2004

Group Art Unit:

2878

Examiner:

Hannaher, Constantine

Title:

COMPENSATED INFRARED ABSORPTION SENSOR FOR CARBON DIOXIDE AND OTHER INFRARED ABSORBING GASES

MAIL STOP – AMENDMENT

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail No. EV351253673US addressed to: Mail Stop – Amendment, Commissioner of Patents, Office, P.O. Box 1450, Alexandria,

VA 22313-1450, on January 20, 2005

Angela Loding

Dear Sir:

RESPONSE TO OFFICE ACTION

In response to the Office Action mailed August 20, 2004, Applicant respectfully submits the following amendments set forth below and requests favorable action thereon.

Amendments to the Specification begin on page 2 of this paper.

Amendments to Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 7 of this paper.